


Mercedes-Benz Maintenance System — Passenger Cars

#3	MAINTENANCE SERVICE - EVERY 12,500 MILES All 1975 Models (25 000 Mile Intervals)	 <small>service</small>
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Customer: _____	Work Order No.: _____
Address: _____	License No.: _____
City & State: _____	Mileage: _____
Zip Code or Province: _____	Time Promised: _____

Maintenance Work to be Performed: <input type="checkbox"/> MB Maintenance Service (three sections) with engine oil change and oil filter service. Oil: Brand-Viscosity _____ Additional Maintenance Work to be Performed Every 25 000 Miles: <input type="checkbox"/> Radiator Coolant: _____ °F FILL/DRAIN/CHECK. Add rust inhibitor. <input type="checkbox"/> Drain and renew brake fluid, (once a year, preferably in Spring). Use only specified brake fluid. M-B Individual Maintenance Jobs Performed as Needed: <input type="checkbox"/> Section I: Lubrication Service Engine oil change with oil filter service. Oil: Brand-Viscosity _____ <input type="checkbox"/> Section II: Electronic Engine Testing; Engine maintenance. <input type="checkbox"/> Section III: Safety Inspection.	Special Maintenance Work Performed at Extra Cost: <input type="checkbox"/> Sliding Roof: Clean guide channels and lubricate lightly. <input type="checkbox"/> Lighting System: Check headlights and aim. <input type="checkbox"/> Battery: Clean housing and terminals; grease terminals lightly. <input type="checkbox"/> Car wash. <input type="checkbox"/> Wax and Polish. <input type="checkbox"/> Clean Engine and Engine Compartment; lubricate all control linkages. Special Instructions from Customer: _____ _____ _____ _____
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Visual Inspection: Check For Leakage and General Condition.

<input type="checkbox"/> Engine	<input type="checkbox"/> Rear Axle	<input type="checkbox"/> Front Axle	<input type="checkbox"/> Undercarriage
<input type="checkbox"/> Steering	<input type="checkbox"/> Brakes	<input type="checkbox"/> Tires	<input type="checkbox"/> Body Condition
<input type="checkbox"/> Transmission	<input type="checkbox"/> Shock Absorbers	<input type="checkbox"/> Exhaust System	

Result: _____

Part I: Service Maintenance with Oil Filter Change

240D-300D 230 280-280C 280S 450-All	Oil Change <input type="checkbox"/> 151 Engine oil with filter change. <input type="checkbox"/> Drain engine oil cooler. Inspection for Leaks and Condition <input type="checkbox"/> 038 Heating & cooling system.
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240D-300D 230 280-280C 280S 450-All	<input type="checkbox"/> 041 Fuel hoses and pipes. <input type="checkbox"/> 045 Clutch operating mechanism (240 D only).
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240D-300D	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check Fluid Level and Replenish
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(Check for leakage).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	120 Automatic transmission.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	121 Manual transmission (240 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	130 Rear axle.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	134 Power steering.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	465 Windshield washer system.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	484 Air conditioning.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	700 Brake system.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	788 Stromberg carburetor
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	800 Fuel injection pump (240 D only)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	821 Battery.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	990 Radiator.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	350 Door hinges

240D-300D	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Body and Chassis Lubrication
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	393 Door locks.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	395 Hood
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	398 Parking brake linkage guide(in drive shaft tunnel.)*450 SL/SLC only
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	415 Engine control linkages, control
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	813 shafts and cables (not required on control shafts with plastic bearings).
					Use only the following factory-recommended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.

Part II: Electronic Engine Test and Engine Maintenance

240D-300D	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mechanical
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	753 Adjust valve clearances.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	202 Clean filter element; replace every 25,000 miles (*300 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	762 Clean flame arrester.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	205 Clean Oil bath air cleaner and change oil. (240 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	757 Check all drive belt tension and condition.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	785 Exhaust manifold heater flap. Check for free movement and free up as required (Engine M 115 only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	770 Replace spark plugs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	773 Replace distributor points
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	782 Check and adjust dwell angle, ignition timing and ignition changeover

240D-300D	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	832 Analyze engine with oscilloscope
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	797 Check and adjust engine idle speed control
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	895 Check alternator fastening bolt for tightness

Part III: Safety Check

240D-300D	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	025 Steering system: check steering coupling for wear and clamping screws for tightness. Check for excessive wear in the system.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	982 Tires: check tire tread wear and other tire damage.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	987 Correct tire air pressure.

240D-300D	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	707 Brake pads: remove, clean, check and replace if necessary.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	703 Brake calipers: check for leakage and piston action. check condition of dust shield.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	709 Brake discs: Check for condition.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	708 Brake discs: Clean ventilating passages
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	009 Parking brake. Check brake cable action.

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240D-300D
230
280-280C
280S
450-All

- ☐ ☐ ☐ ☐ ☐ 706 Parking brake: re-adjust.
- ☐ ☐ ☐ ☐ ☐ 028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars. (except 108-109).
- ☐ ☐ ☐ ☐ ☐ 029 Steering: check for sealing and condition of sealing collars and steering rods.

Retightening of Nuts, Bolts, and Retaining Parts

- ☐ ☐ ☐ ☐ ☐ 924 Steering gear mounting screws (3).
- ☐ ☐ ☐ ☐ ☐ 988 Wheel bolts.
- ☐ ☐ ☐ ☐ ☐ 099 Check function of:
- ☐ Headlight, rear lights and stop light.
 - ☐ Directional signals: Hazard warning lights.
 - ☐ Windshield wiper, windshield washer.
 - ☐ Heating and ventilation.

240D-300D
230
280-280C
280S
450-All

- ☐ ☐ ☐ ☐ ☐ 098 Road test or dynamometer
- ☐ Clutch.
 - ☐ Manual transmission.
 - ☐ Automatic transmission.
 - ☐ Air conditioner.
- ☐ ☐ ☐ ☐ ☐ 097 Brake test on test stand/road.

Tire tread depth and brake performance

Front-Left		Front-Right	
IN.	KP	IN.	KP
Rear-Left		Rear-Right	
IN.	KP	IN.	KP

Maintenance

Additional Maintenance Work to be Performed Every 25,000 Miles Maintenance Service #3Z

240D-300D
230
280-280C
280S
450-All

- ☐ ☐ ☐ ☐ ☐ Oil Change
- ☐ ☐ ☐ ☐ ☐ 170 Automatic transmission oil change.
- ☐ ☐ ☐ ☐ ☐ Filter Replacement or Cleaning
- ☐ ☐ ☐ ☐ ☐ 174 Automatic transmission: replace filter element.
- ☐ ☐ ☐ ☐ ☐ 612 Power steering: Replace filter element.
- ☐ ☐ ☐ 840/847 Fuel filter: Clean element or replace.
- ☐ 845 Fuel main filter: Clean filter element and filter housing
- ☐ 844 Fuel pre-filter: check
- ☐ ☐ ☐ ☐ ☐ 813 Check throttle control linkage.

Lubrication

- ☐ ☐ ☐ ☐ ☐ 388 Front wheel grease caps: clean and refill with new grease.
- ☐ 704 Check oil level in vacuum pump

240D-300D
230
280-280C
280S
450-All

Tightening of Nuts and Bolts

- ☐ ☐ ☐ 871 Intake and exhaust manifold nuts and exhaust flange bolts.
- ☐ ☐ Exhaust pipe flange only.
- ☐ 876 Carburetor mounting flange screws

Checking

- ☐ 501 Check clutch lining thickness (manual transmission only). (240 D only).
- ☐ ☐ ☐ ☐ ☐ 625 Check front wheel toe-in.
- ☐ ☐ ☐ ☐ ☐ 030 Check propeller shaft joint discs for wear or damage.

Engine

- ☐ 787 Check start of delivery once after 25,000 miles.
- ☐ ☐ ☐ ☐ 767 Replace catalyst some time after 50,000 miles if required; Engine M 115 at 25,000 miles and after 50,000 miles if required.

Date _____

Service Manager (Signature) _____